

Plague in 1665.



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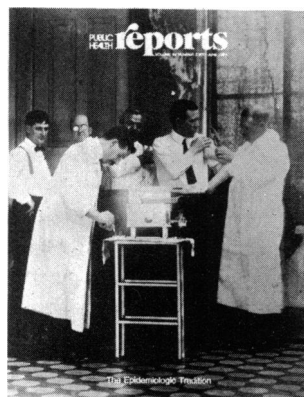
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3700 East-West Highway
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Cover: Maj. Frederick F. Russell administers the first typhoid vaccine given in America (circa 1909 or 1910). In his Wade Hampton Frost Lecture, pp. 203-209, Dr. Milton Terris discusses contributions to the epidemiologic tradition, as well as new concepts in epidemiology.

conference. A series of workshops in eight areas of health education technology will be offered, including use of puppetry, visual literacy, printed material, tape-slide presentations, simulation and games in primary health care training, management of film production, school health television, and viewdata (a television-telephone information system).

For more information about registration, write to the Conference Office, 43 Charles St., London W1X 7PB England.

WHO Fellowships Available for 1980

■ The World Health Organization will make available in 1980 a limited number of short-term fellowships for travel abroad related to the "improvement and expansion of health services" in the United States. This support is limited to U.S. citizens engaged in operational or educational aspects of public health employed by State or local agencies or employees of educational institutions. Employees of the Federal Government are not eligible to apply.

A selection committee will recommend the awarding of fellowships based on the professional background of the applicant, the field and locale of proposed study, and the use of the experience upon applicant's return. Applications will not be considered for the pursuit of pure research projects or attendance at international meetings; nor will applications from students in the midst of training at either the graduate or undergraduate level be considered. (Medical residents are considered to be in postgraduate training.)

The fellowship award covers per diem and transportation. Employers of successful applicants are expected to endorse the applications and to continue the applicant's salary during the fellowship. Except in unusual circumstances, the fellowship will be limited to short-term programs averaging about 2 months. Fellowships will be awarded up to the total amount of available funds. Deadline for receipt of applications is September 30, 1979.

Additional information may be obtained from Dr. Carl D. Olsen, Chief, International Education Section, Building 31, Room 2B55, Fogarty International Center, NIH, Bethesda, Md. 20205.

education notes

Laboratory safety training. Laboratory safety training short courses for 1979 will be conducted by the University of Minnesota School of Public Health under contract with the National Cancer Institute Office of Research Safety.

Two courses on Biohazard and Injury Control in the Biomedical Laboratory will be held September 11-13 at Ohio State University, Columbus, and December 11-13 at the National Institutes of Health, Bethesda, Md. Emphasis will be placed on biohazards in viral oncology research. These courses are for senior scientists and technicians working in fields related to cancer virology.

The courses, supported by the National Cancer Institute, are tuition free. Participants pay only for travel and living expenses. Enrollment is limited, and early application is recommended. Information about the courses can be obtained from Donald Vesley, PhD, Professor, School of Public Health, 1158 Mayo Memorial Bldg., 420 Delaware St., SE., University of Minnesota, Minneapolis, Minn. 55455, telephone (612) 373-5943.

New MPH program at Yale in long-term care area. Yale University Medical School, Department of Epidemiology and Public Health, has a new graduate master of public health degree program for training students to become planners, evaluators, and policy analysts in the area of long-term care.

The program is not focused on developing institutional managers. Graduates will seek positions in health systems and other planning agencies, professional standards review organizations, health care cost-control and certificate-of-need agencies, health care institutions, health insurance and prepayment agencies, governmental agencies (local, State, or Federal), plus voluntary and professional agencies and other agencies concerned with long-term planning, evaluation, and policy analysis.

Admission requirements include a baccalaureate degree from an accredited college or university and a minimum grade point average of 3.0 (based on a 4.0 scale). Because the program is analytically oriented, applicants should have completed undergraduate or graduate courses in at least two of the following areas: mathematics, statistics, operations research, computer science, economics, and financial management or

accounting (or both). Courses in the humanities and social sciences are desirable, as is prior experience in human services.

To apply for admission or to obtain additional information, contact David A. Pearson, PhD, Associate Professor of Public Health, Department of Epidemiology and Public Health, Yale University School of Medicine, 60 College St., New Haven, Conn. 06510.

Development of skills to measure health needs and program outcomes. A symposium, Educational Diagnosis and Evaluation in Public Health and Medical Care, sponsored by the Johns Hopkins Medical Institutions, is to be held at the School of Hygiene and Public Health July 23-27, 1979. Directed by Lawrence W. Green, DrPH, the institute will seek to develop skills in the measurement of health education needs and in the evaluation of program results.

The first 3 days will be devoted to the development of skills in the assessment of health education needs and in the measurement of program outcomes. The additional 2 days are designed for persons who desire further training in cost-effectiveness and cost-benefit measurement in their respective program areas. In addition, participants in the final 2-day session may bring their own planning and evaluation problems for case study and consultation. Six credit hours per day in category I toward the physician's Recognition Award of the American Medical Association have been awarded, as well as standard continuing education units. Other appropriate credit has been applied for.

The fees for the course are \$250 for 5 days, \$175 for 3 days, and \$120 for 2 days. For further information, contact the Program Coordinator, Rm. 17, Turner, Office of Continuing Education, 720 Rutland Ave., Baltimore, Md. 21205.

Postdoctoral fellowships in psycho-social aspects of alcohol and drug use. The Rutgers Center of Alcohol Studies has 2-year positions (with the possibility of a third year of support) available for research in the psycho-social aspects of alcohol and drug use. The support per fellow, which is funded by the National Institute on Alcohol Abuse and Alcoholism, amounts to \$10,000 to \$12,000 per year. Sociologists or psychologists are preferred, but other social scientists may apply. Fellows will work in conjunction with an ongoing longitudinal study.

Contact Dr. Mark Lender, Rutgers Center of Alcohol Studies, Busch Campus, Rutgers University, New Brunswick, N.J. 08903.

conference convened by the World Health Organization. For mortality coding, the ICD-9 will be used as published by the World Health Organization without resort to an adaptation such as was used during the eighth revision (ICDA-8). A modification of the ICD-9, known as the International Classification of Diseases, Ninth Revision, Clinical Modification (ICD-9-CM), will only be used in the United States for morbidity coding.

In keeping with the tradition of actively promoting the recommendations of the World Health Organization that the decennial revisions of the ICD-9 be adopted for mortality coding purposes, the National Center for Health Statistics is offering training courses in cause-of-death coding. The Center has also provided each State health department with two complimentary copies of the new ICD-9. For more information about these courses, contact Robert A. Israel, Head, WHO Center for Classification of Diseases for North America, National Center for Health Statistics, 3700 East-West Highway, Hyattsville, Md. 20782.

February 16, 1979, Vol. 44, No. 34, p. 10134

National Professional Standards Review Council. The Health Care Financing Administration has solicited nominations to replace five members of the National Professional Standards Review Council whose terms will expire on June 30, 1979. The Council was established in 1973 pursuant to Public Law 93-603. This law requires that the Council be composed of 11 physicians of recognized standing and distinction in the appraisal of medical practice. These physicians must not be otherwise employed by the

United States, and a majority shall have been recommended by national organizations recognized by the Secretary of Health, Education, and Welfare as representing practicing physicians (including physicians recommended by consumer groups and other health interests).

February 16, 1979, Vol. 44, No. 34, p. 10270

Water pollution control. The Environmental Protection Agency is considering expanding its water pollution control criteria for designating hazardous substances. Presently, the selection criteria for hazardous substances deal with acute toxicity for aquatic animals. The agency recognizes that some substances may present an imminent and substantial danger to public health for reasons other than acute aquatic toxicity. The expanded criteria for hazardous substances would include several chronic and long-term effects; these would include such factors as carcinogenicity, mutagenicity, teratogenicity, bio-accumulative effects, synergistic or antagonistic chemical effects, and radioactivity.

February 20, 1979, Vol. 44, No. 35, pp. 10358-10359

Medical license changes for radiopharmaceuticals. The U.S. Nuclear Regulatory Commission has promulgated a final rule amending its regulations so as to change the conditions for certain medical licenses. Physicians would be permitted greater latitude when they used certain low-level radiopharmaceuticals, since the Commission would no longer designate authorized procedures. The Commission also would delete from the lists of pharmaceuticals in Groups I, II, and III (the lists of pharmaceuticals for diagnostic proce-

dures) certain chemical forms not approved by the Food and Drug Administration.

February 22, 1979, Vol. 44, No. 37, pp. 10602-10603

Health maintenance organizations. The Public Health Service has issued interim regulations to implement changes in the amount of loan support that a health maintenance organization (HMO) may receive under the HMO Amendments of 1978. The new law increases the amount of loan assistance that a federally qualified HMO may receive to assist it in meeting operating costs that exceed its revenues during a certain period.

February 26, 1979, Vol. 44, No. 39, p. 11014

Carbon disulfide research study. The National Institute of Occupational Safety and Health has announced that it is ready to begin a research project entitled "Reproductive History Study of Workers Exposed to Carbon Disulfide." The purpose of the study is to determine what, if any, adverse pregnancy outcomes occur in the families of workers exposed to carbon disulfide.

Reports from the Soviet Union, Romania, and Italy suggest that carbon disulfide has effects on the reproductive systems of both men and women. Carbon disulfide is a colorless, volatile liquid with excellent solvent properties. It is used in the production of viscose rayon and cellophane.

For further information, contact Sherry G. Selevan, Division of Surveillance, Hazard Evaluation, and Field Studies, NIOSH, Robert A. Taft Laboratories, 4647 Columbia Parkway, Cincinnati, Ohio 45226, telephone: (513) 684-2761.

publications

FEDERAL

Methods for Studying Nurse Staffing in a Patient Unit. A manual to aid hospitals in making use of personnel. Health Manpower References. *DHEW Publication No. (HRA) 78-3. May 1978; 226 pages.*

Supply of Optometrists in the United States: Current and future. *DHEW Publication No. (HRA) 79-18. 1978; 23 pages.*

A Report on the National Health Service Corps Scholarship program by the Secretary of HEW to Congress. *DHEW Publication No. (HRA) 79-13. 1978; 143 pages.*

Planning for Physician Requirements: A Manual to Develop Physician Requirement Models for HSAs (Health Systems

Agencies). *DHEW Publication No. (HRA) 79-12. 1978; 245 pages.*

Survey Report on Medical, Nursing and Osteopathic School Admissions Policy Relating to Abortions/Sterilizations. *DHEW Publication No. (HRA) 79-27. 1979; 39 pages. Executive Secretariat, Bureau of Health Manpower, 3700 East-West Hwy., Hyattsville, Md. 20782.*

Health Manpower Planning: A Comparative Study in Four Countries. *DHEW Publication No. (HRA) 78-94. 1978; 167 pages.*

Fact Sheet, Health Professions Educational Assistance Act of 1976 (PL 94-484). Revised February 1, 1979. 27 pages. *Executive Secretariat, Bureau of Health Manpower, 3700 East-West Hwy., Hyattsville, Md. 20782.*

Women's Worlds. NIMH Supported Research on Women. By Anne E. Fisher. *DHEW Publication No. (ADM) 78-660. 1978; 106 pages (Stock No. 017-024-00798-6).*

Catalog of Family Planning Materials. *DHEW Publication No. (HSA) 79-5606. 1979; 144 pages.*

Health Services Research in Puerto Rico. Proceedings of the conference held March 29-April 1, 1977, at Fajardo, Puerto Rico, conducted by the Faculty of Biosocial Sciences and the Graduate School of Public Health, University of Puerto Rico. *NCHSR Research Proceedings Series. DHEW Publication No. (PHS) 78-3209. March 1978; 100 pages.*

Effects of the Payment Mechanism on

the Health Care Delivery System. Proceedings of a conference held at Skyland Lodge, Shenandoah National Park, Virginia, November 7-8, 1977. *NCHSR Research Proceedings Series. Edited by William R. Roy. DHEW Publication No. (PHS) 78-3227. 1978; 138 pages.*

Evaluation of Child Abuse and Neglect Demonstration Projects, 1974-1977. Vols. 1 and 2: Child Abuse and Neglect Treatment Programs: Final Report and Summary Findings. *NCHSR Research Report Series. DHEW Publication No. (PHS) 79-3217-1. August 1978; 138 pages.*

Current Listing and Topical Index to the Vital and Health Statistics Series, 1962-1977. *DHEW Publication No. (PHS) 78-1301. May 1978; 25 pages.* Personal Out-of-Pocket Health Expenses, United States, 1975. *DHEW Publication No. (PHS) 79-1550, Series 10, No. 122. November 1978; 58 pages.*

Acute Conditions. Incidence and Associated Disability, United States, July 1976-June 1977. *DHEW Publication No. (PHS) 78-1553, Series 10, No. 125. September 1978; 66 pages.*

Current Estimates From the Health Interview Survey, United States, 1977. *DHEW Publication No. (PHS) 78-1554, Series 10, No. 126. September 1978; 98 pages.*

Utilization of Short-Stay Hospitals: Annual Summary for the United States, 1976. *DHEW Publication No. (PHS) 78-1788, Series 13, No. 37. June 1978; 70 pages.*

Congenital Anomalies and Birth Injuries Among Live Births: United States, 1973-74. *DHEW Publication No. (PHS) 79-1909, Series 21, No. 31. November 1978; 58 pages.*

Wanted and Unwanted Childbearing in the United States, 1968, 1969, and 1972. National Natality Surveys. *DHEW Pub-*

lication No. (PHS) 78-1918, Series 21, No. 32. September 1978; 56 pages.

Prenatal Care, United States, 1969-1975. *DHEW Publication No. (PHS) 78-1911, Series 21, No. 33. September 1978; 40 pages.*

Federal publications are available from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Orders should be accompanied by check or money order and should fully identify the publications. (Publications without prices may be obtained from the issuing agency.)

WORLD HEALTH ORGANIZATION

Basic Tabulation List with Alphabetical Index. International Classification of Diseases, Ninth revision. 1978; 331 pages (ISBN 92 4 154133 4); Geneva (French edition in preparation).

Evaluation of Certain Food Additives and Contaminants. Twenty-second report of the Joint FAO/WHO Expert Committee on Food Additives. *WHO Technical Report Series, No. 631. 1978; 39 pages (ISBN 92 4 120631); Geneva (French and Spanish editions in preparation.)*

Primary Health Care. Report of the International Conference on Primary Health Care, Alma-Ata, USSR, 6-12 September 1978. Jointly sponsored by the World Health Organization and the United Nations Children's Fund. 1978; 79 pages (ISBN 92 4 154135 0); Geneva (Arabic, Chinese, French, Russian, and Spanish editions in preparation).

Mental Disorders: Glossary and guide to their classification in accordance with the Ninth Revision of the International Classification of Diseases. 1978; 96 pages (ISBN 92 4 154137 7); Geneva (French edition in preparation).

International Classification of Procedures in Medicine. Vol. 2. 1978; various paginations; Geneva (ISBN 92 4 154125 3).

Directory of On-Going Research in Cancer Epidemiology, 1978. *IARC Scientific Publications No. 26. By C. S. Muir and G. Wagner. 1978; 550 pages. International Agency for Research on Cancer, Lyons. Distributed for IARC by WHO.*

WHO publications may be obtained from WHO Publications Centre, 49 Sheridan Ave., Albany, N.Y. 12210.

NON-FEDERAL

Immunization-Protection Against Childhood Diseases. By Jules Saltman. *Public Affairs Pamphlet No. 565. December 1978; 21 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.*

Changing Views of Homosexuality. By Elizabeth Ogg. *Public Affairs Pamphlet No. 563. October 1978; 28 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.*

When Your Child is Sick. By Jacqueline Seaver and June V. Schwartz. *Public Affairs Pamphlet No. 441A. December 1978; 24 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.*

NLN Publications Catalog—1979. 49 pages. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

Publications Catalog. 1979; 23 pages. The National Easter Seal Society for Crippled Children and Adults, 2023 West Ogden Ave., Chicago, Ill. 60612.

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